

Title (en)

Immunoassay reagents and method for determining cyclosporine.

Title (de)

Immunotestreagenzien und Verfahren zur Bestimmung von Cyclosporin.

Title (fr)

Réactifs d'immunoessai et méthode pour la détermination de cyclosporine.

Publication

EP 0473961 A2 19920311 (EN)

Application

EP 91113328 A 19910808

Priority

US 56784290 A 19900815

Abstract (en)

Cyclosporine derivatives useful as detectable tracer compounds for the immunoassay determination of cyclosporine are disclosed. The cyclosporine derivatives comprise a detectable moiety coupled to the amino acid at the first position (MeBmt) in cyclosporine, the second position (Abu) in cyclosporine, the third position (Sar) in cyclosporine, the eighth position (D-Ala) in cyclosporine, or the tenth position (MeLeu) in cyclosporine. A preferred cyclosporine derivative comprises a fluorescent moiety coupled to the hydroxyl group of the amino acid at the first position in cyclosporine, and is especially useful for the fluorescent polarization immunoassay determination of cyclosporine. A fluorescent polarization immunoassay method and test kit are also disclosed. <IMAGE>

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IPC 8 full level

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CPC (source: EP US)

C07K 7/645 (2013.01 - EP US); **Y10S 436/815** (2013.01 - EP)

Cited by

US5593896A; EP1466176A4; US5393891A; US5504091A; US5990274A; US5496925A; US5573904A; US5616298A; EP0635020A4; US8569516B2; US7601851B2; US6207398B1; US8288111B2; US7279561B1; US7279562B2; US7897733B2; US6328970B1; US6541612B2; US9765119B2; US10472394B2; USRE48226E

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